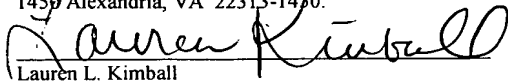




## 102203 CERTIFICATE OF EXPRESS MAILING

I hereby certify that this paper and the documents and/or fees referred to as attached therein are being deposited with the United States Postal Service on October 22, 2003 in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR §1.10, Mailing Label Number EV333981905US, addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

  
Lauren L. Kimball

Attorney Docket No.: KLA1P099/P1085

First Named Inventor: Wang

**UTILITY PATENT APPLICATION TRANSMITTAL (37 CFR. § 1.53(b))**  
(Regular application claiming priority of a provisional)

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir: This is a request for filing a patent application under 37 CFR. § 1.53(b) in the name of inventors:  
**Ying WANG and Anne TESTONI**

For: **VOID CHARACTERIZATION IN METAL INTERCONNECT STRUCTURES USING X-RAY EMISSION ANALYSES**

Assigned to:

Priority of U.S. provisional application No. 60/427,906 filed on November 19, 2002 is claimed under 35 U.S.C. § 119(e).

Application Elements:

- ☒ **32** Pages of Specification, Claims and Abstract
- ☒ **13** Sheets of formal Drawings
- ☒ Combined Declaration and Power of Attorney
- ☐ Separate Declaration

Accompanying Application Parts:

- ☒ Do not publish this application. Nonpublication Request is attached.
  - ☒ Assignment and Assignment Recordation Cover Sheet (recording fee of \$40.00 enclosed)
  - ☐ Separate Power of Attorney by Assignee
  - ☐ 37 CFR 3.73(b) Statement by Assignee
  - ☐ Information Disclosure Statement with Form PTO-1449
  - ☐ Preliminary Amendment
  - ☒ Return Receipt Postcard
- ☐ Copies of IDS Citations

Claim For Foreign Priority

- ☐ Priority of \_\_\_\_\_ Application No. \_\_\_\_\_ filed on \_\_\_\_\_  
is claimed under 35 U.S.C. § 119.
- ☐ The certified copy is enclosed.
- ☐ The certified copy has been filed in prior application U.S. Application No. \_\_\_\_\_
- ☐ The certified copy will follow.

Fee Calculation (37 CFR § 1.16)

- ☐ Applicant is entitled to Small Entity Status under 37 C.F.R. §1.27.

	(Col. 1) Total Claims		(Col. 2) Claims	(Col. 3) Present Extra	Rate	Additional Fee
TOTAL	52	MINUS	20	= 32	x 18 =	576.00
INDEP.		MINUS	3	=	x 86 =	
[ ] First presentation of multiple dependent claim					\$290 =	
Basic Filing Fee under 37 C.F.R. §1.16(a)					\$770 =	770.00
TOTAL						1,346.00
SMALL ENTITY 50% FILING FEE REDUCTION (if applicable)						

- ☒ Check No. 20365 in the amount of \$1,386.00 is enclosed.
- ☒ The Commissioner is authorized to charge any fees beyond the amount enclosed which may be required, or to credit any overpayment, to Deposit Account No. 500388 (Order No. KLA1P099).

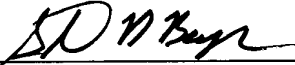
General Authorization for Petition for Extension of Time (37 CFR §1.136)

- ☒ Applicants hereby make and generally authorize any Petitions for Extensions of Time as may be needed for any subsequent filings. The Commissioner is also authorized to charge any extension fees under 37 CFR §1.17 as may be needed to Deposit Account No. 500388 (Order No. KLA1P099).
- ☒ Please send correspondence to the following address:

**Customer Number 022434**

022434

Date: October 22, 2003

  
Steve D Beyer  
Registration No. 31,234

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re application of: WANG et al.

Attorney Docket No.: KLA1P099/P1085

Application No.: Unassigned

Examiner: Unassigned

Filed: Herewith

Group: Unassigned

Title: VOID CHARACTERIZATION IN  
METAL INTERCONNECT STRUCTURES  
USING X-RAY EMISSION ANALYSES

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**CERTIFICATE OF EXPRESS MAILING**

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Signed: \_\_\_\_\_

Lauren Kimball

**NONPUBLICATION REQUEST AND CERTIFICATION  
(35 U.S.C. 122(b)(2)(B)(i))**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen (18) months after filing. I hereby request that the attached application **NOT** be published under 35 U.S.C. 122(b).

Date: OCTOBER 22, 2003

Steve D Beyer

Steve D Beyer  
Registration No. 31,234